

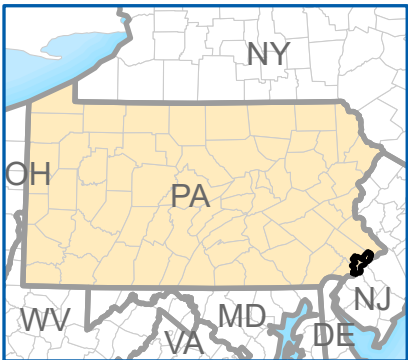
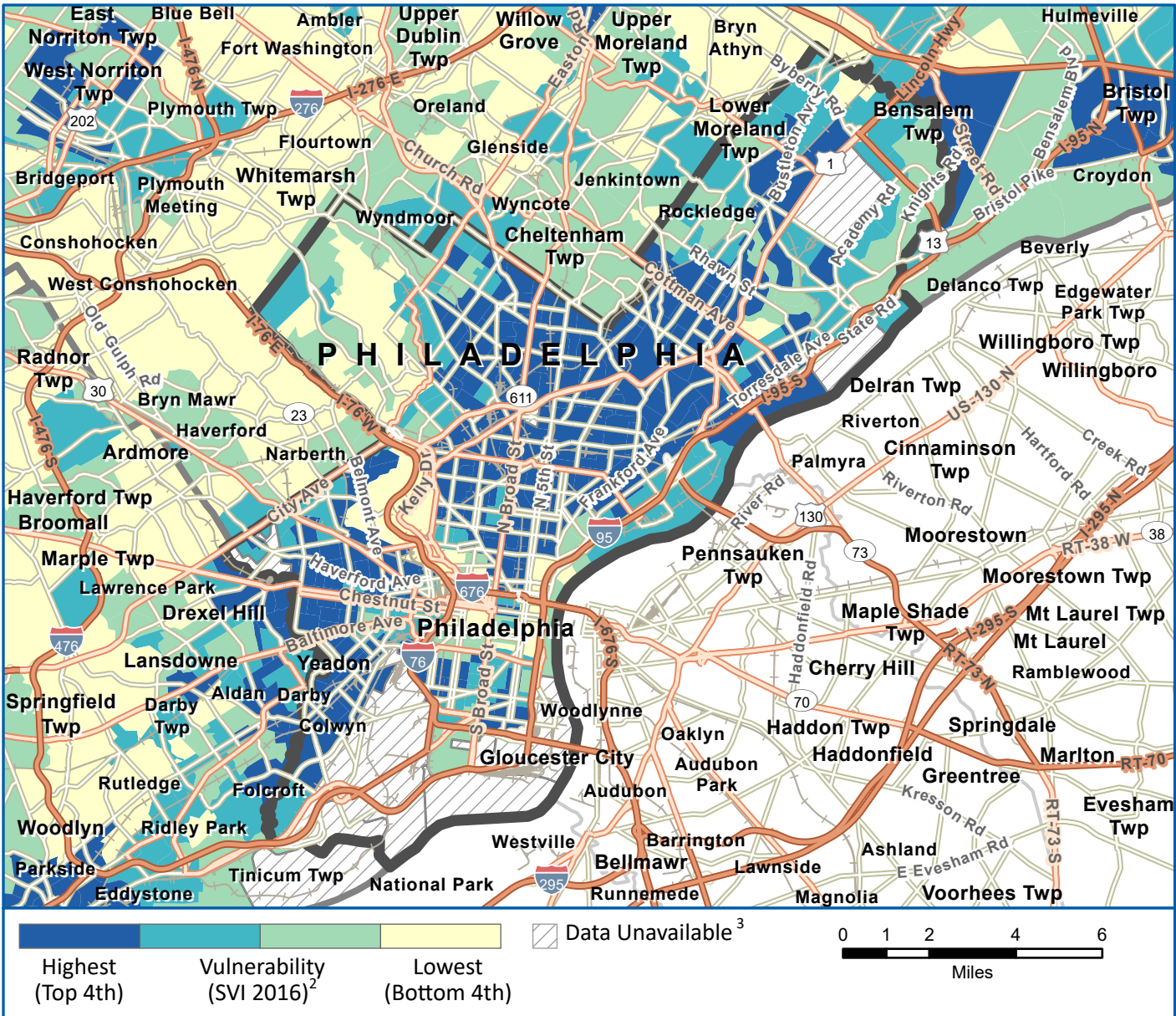
CDC's Social Vulnerability Index 2016

Philadelphia County, Pennsylvania

PART 1



Overall Social Vulnerability¹



Social vulnerability refers to a community's capacity to prepare for and respond to the stress of hazardous events ranging from natural disasters, such as tornadoes or disease outbreaks, to human-caused threats, such as toxic chemical spills. The **Social Vulnerability Index (SVI 2016)**⁴ County Map depicts the social vulnerability of communities, at census tract level, within a specified county. SVI 2016 groups **fifteen**

census-derived factors into **four themes** that summarize the extent to which the area is socially vulnerable to disaster. The factors include economic data as well as data regarding education, family characteristics, housing, language ability, ethnicity, and vehicle access. Overall Social Vulnerability combines all the variables to provide a comprehensive assessment.



Agency for Toxic Substances and Disease Registry
Division of Toxicology and Human Health Sciences

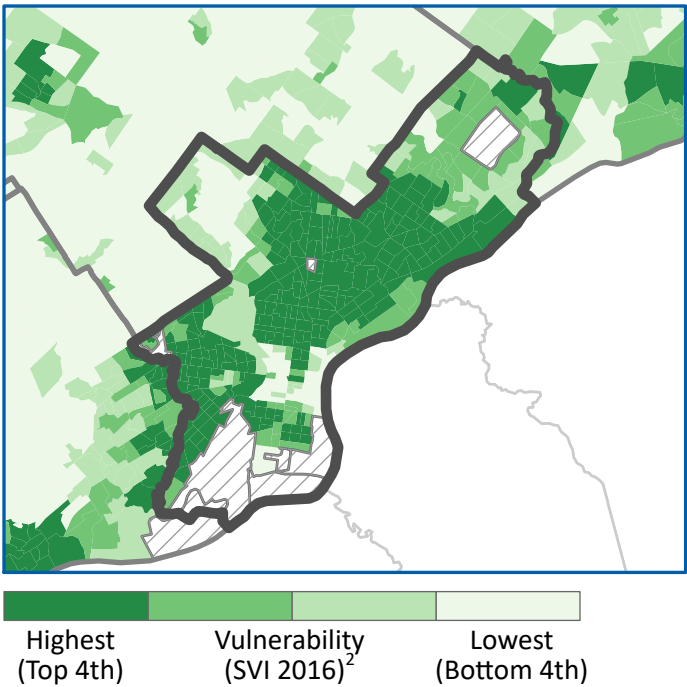
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SVI 2016 – PHILADELPHIA COUNTY, PENNSYLVANIA

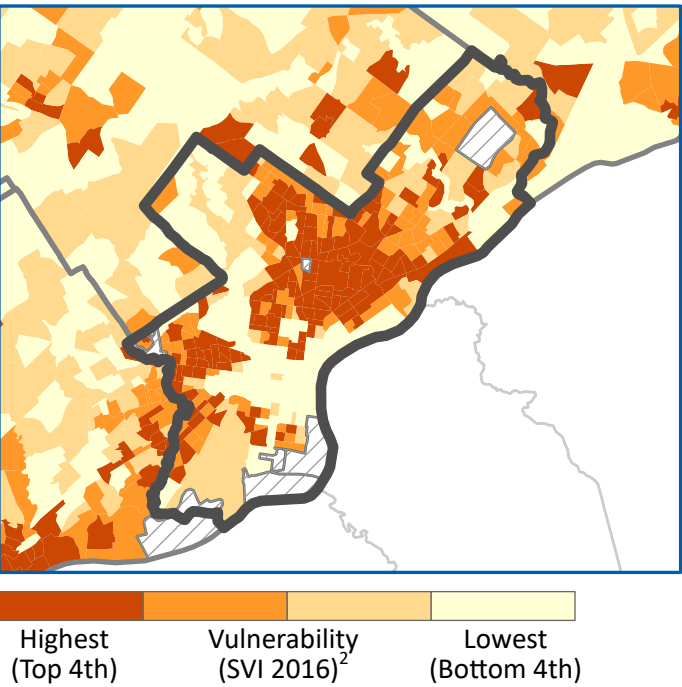
PART 2

SVI Themes

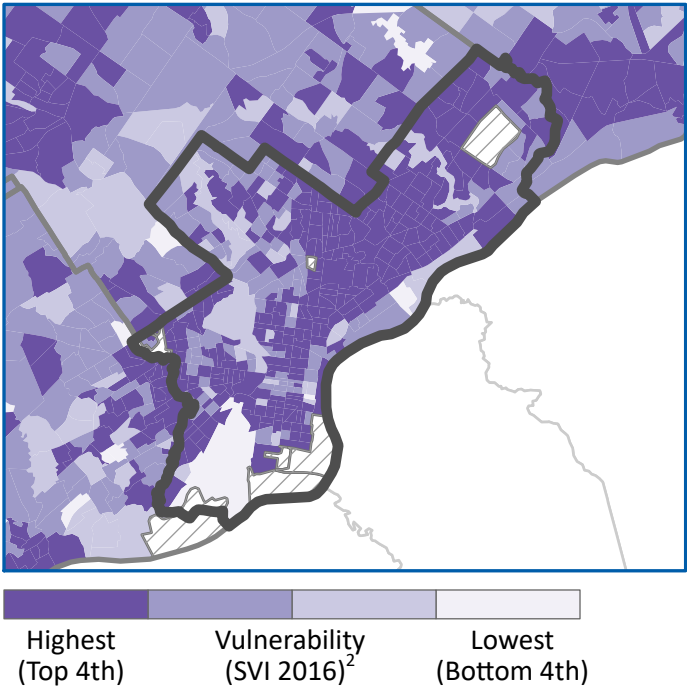
Socioeconomic Status⁵



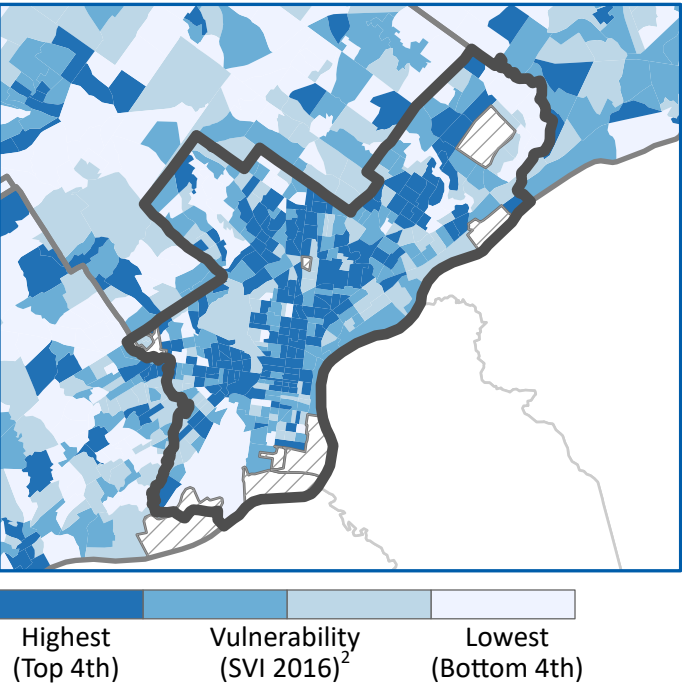
Household Composition/Disability⁶



Race/Ethnicity/Language⁷



Housing/Transportation⁸



Data Sources: ²CDC/ATSDR/GRASP, U.S. Census Bureau, Esri® StreetMap™ Premium.
Notes: ¹Overall Social Vulnerability: All 15 variables. ³Census tracts with 0 population. ⁴The SVI combines percentile rankings of US Census American Community Survey (ACS) 2012-2016 variables, for the state, at the census tract level. ⁵Socioeconomic Status: Poverty, Unemployed, Per Capita Income, No High School Diploma. ⁶Household Composition/Disability: Aged 65 and Over, Aged 17 and Younger, Single-parent Household, Aged 5 and over with a Disability. ⁷Race/Ethnicity/Language: Minority, English Language Ability. ⁸Housing/Transportation: Multi-unit, Mobile Homes, Crowding, No Vehicle, Group Quarters.
Projection: Pennsylvania Custom Lambert NAD83 (EJH).
References: Flanagan, B.E., et al., A Social Vulnerability Index for Disaster Management. *Journal of Homeland Security and Emergency Management*, 2011. 8(1).
CDC's SVI web page: <http://svi.cdc.gov>.

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